

Inventions & Innovation Emerging Technology

Air Turbine Cycle Plant

This new system uses an air turbine cycle to generate electricity, compressed air, and steam by burning biomass and other industrial wastes. It has lower capital-investment costs than the competing cogeneration systems. In addition, the air turbine cycle plant minimizes pollution by using a combustion system with a bed of circulating fluids. The air turbine concept is better suited to small-size plants than its main competitor, the steam-turbine plant.



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